

ABSTRACT OF THE DISCLOSURE

A fuel cell stack antifreeze system that purges a plurality of fuel cell stacks connected in parallel includes a compressor that supplies pressurized cathode gas to each of the plurality of fuel cell stacks. A controller deactivates a first group of one or more of the plurality of fuel cell stacks and maintains operation of a second group of one or more of the plurality of fuel cell stacks. The second group powers the compressor and the compressor purges excess fluid from the first group using the pressurized cathode gas.